


 Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

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 APPLICATION NO. 10/051,084
 APPLICANT Hiroaki OIKAWA
 FILING DATE January 22, 2002
 GROUP ~~2635~~ 2832

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
OK	JP	59-221736	A	12-13-1984	Japan			Abs	
OK	JP	11-017367	A	1-22-1999	Japan			Abs	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

EXAMINER *[Signature]* DATE CONSIDERED 12/20/04

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